

What is a Dust Control Plan?

The plan is a document that provides methods and techniques that will be used during specific project activities to control fugitive dust. The elements of the Dust Control Plan are contained in the Nye County Dust Management Handbook.

Who needs a Dust Control Plan?

A Dust Control Plan is required by Nye County within the Pahrump Regional Planning District for all projects and activities that disturb 0.5 acres or more of land except for the following activities: Landscaping by an individual on their property of residence, emergency maintenance activities conducted by government agencies on publicly maintained roads, road shoulders, rights-of-way and public flood control facilities, dust palliative projects conducted solely for the maintenance of open areas and vacant lots. **Everyone is responsible for controlling fugitive dust** regardless of whether or not a Dust Control Plan is required.

How much does it cost?

Dust Control Plans having an aggregate disturbance of up to 1 acre will cost \$50. Aggregate disturbances of greater than 1 acre and up to 20 acres have a fee of \$50 per acre (rounded up to the nearest full acre). The Dust Control Plan fee for 20 acres or more will be \$1,100.

Who needs a Surface Area Disturbance (SAD) Permit?

The Nevada Division of Environmental Protection (NDEP), Bureau of Air Pollution Control, requires a SAD permit for land disturbances of 5 acres or more. The current cost of the SAD permit application is \$400.

Who Do I Contact for Compliance Assistance?

Information can be found in the following documents:

- Nye County Dust Management Handbook
- Nye County Dust Control Plan Forms/Application
- Nye County Ordinance No. 289
- Complaints

Nye County Planning Department 250 North Highway 160, Suite 1 Pahrump, NV 89060 Phone: (775) 751-4033 Web site: <http://www.nyecounty.net>

NDEP/ Bureau of Air Quality Planning/
Bureau of Air Pollution Control.
Web sites:
<http://ndep.nv.gov/baqp/Pahrump>
<http://ndep.nv.gov/bapc>



Frequently Asked Questions

About

FUGITIVE DUST



PAHRUMP REGIONAL PLANNING DISTRICT

Committed to Improving Air Quality

The desert is naturally dusty. What's the problem?

If left alone, the soils of native, undisturbed desert land naturally bind together forming a thin, fragile crust. This crust resists wind and helps prevent dust from becoming airborne. When the topsoil is disturbed, small particles get into the air during high wind events and create problems for human health and the environment.

What is Particulate Matter?

Particulate matter (PM) is made up of tiny solid particles or liquid droplets. Fugitive Dust is a visible result of particulate matter that becomes airborne. Particles less than 10 microns in diameter, known as PM₁₀, are very small particles that stay airborne and pose a serious health and environmental risk.

Why Do We Need to Control Fugitive Dust?

Particulate Matter, or dust, causes many health and environmental problems. Health effects include long term decrease in lung function, weakened immune systems, Valley Fever, increased severity of acute bronchitis, pneumonia, asthma, emphysema, cardio vascular disease, and premature death in children aged 1 to 8 years. Environmental impacts include reduced visibility, which can cause driving hazards, damage to plant life, livestock and pets, and erosion of valuable topsoil.

What are Sources of Fugitive Dust?

Some of the sources or activities that cause Fugitive Dust are: construction,

grading, grubbing, clearing of land, disturbed open and vacant lots, trenching, use of unpaved parking lots and roads, off-road vehicle activities, over-filling haul trucks, trackout of material from project sites, earthmoving equipment, bulk material handling, and stockpiling.

What regulations apply to Controlling Fugitive Dust?

Nye County Ordinance No. 289, Title 15, Chapter 15.28 became effective January 1, 2005. This regulation was enacted to achieve compliance with federal air quality standards and to improve the air quality to protect the health, safety and general welfare of the inhabitants of the Pahrump Regional Planning District. In addition to the Nye County Ordinance, the Nevada Administrative Code (NAC) 445B.22037 "Emissions of Particulate Matter: Fugitive dust" regulation applies to the control of particulate matter from becoming airborne.

Who do the regulations apply to?

The Nye County Ordinance applies to anyone in the Pahrump Regional Planning District who engages in an activity that may generate fugitive dust. The Ordinance does not require a Dust Control Plan for agricultural operations, livestock operations, raceways, rodeo grounds, or feedlots but; the persons involved in those activities are encouraged to control fugitive dust. The State NAC does not require Agricultural activities to obtain a Surface Area Disturbance Permit (SAD).

What do the regulations mean?

The Nye County Ordinance means any person who is engaged in activities that could create fugitive dust shall take all reasonable precautions to prevent dust from becoming airborne.

The Nye County Ordinance requires a Dust Control Plan for 'Construction Activities' on ½ acre or more; and dust control methods to be used for unpaved parking, storage areas, burning, construction activities, open areas and vacant lots.

The Nye County Dust Management Handbook provides a list of dust control methods for specific activities and guidance for implementing Dust Control Plans.

The NAC stipulates that no person may allow controllable particulate matter to become airborne. It also requires a SAD permit if you clear 5 acres or more of land. If you disturb the soil, dust control measures need to be implemented.

The NAC exempts Agricultural operations from obtaining a SAD permit but not from controlling fugitive dust emissions.

What is the Consequence for Non-Compliance?

If you fail to control fugitive dust from your project site, the operations at the project site can be suspended until the Fugitive Dust is mitigated. In addition, monetary penalties may be assessed.